

Form PTO-1449
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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APPLICANT(S): Kasha/Simion

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12/10/99

1649

INFORMATION DISCLOSURE STATEMENT
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Am6	WO 89/00602	01/26/89	PCT	C12N	15/00		✓
Am6	WO 92/14828	09/03/92	PCT	C12N	15/84		✓
Am6	WO 96/29419	09/26/96	PCT	C12N	15/82		✓
Am6	WO 00/14202	03/16/00	PCT	C12N	5/00		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Am6		Hu, et al., "A cytological study of pretreatments used to improve isolated microspore cultures of wheat (<i>Triticum aestivum</i> L.) Cv. Chris," <u>Genome</u> 42:432-441 (1999)
Am6		Pechan, Paul M., "Successful cocultivation of <i>Brassica napus</i> microspores and proembryos with <i>Agrobacterium</i> ," <u>Plant Cell Reports</u> 8:387-390 (1989)
Am6		Rubinstein, et al., "Developmental accumulation of hydroxyproline and hydroxyproline-containing proteins in <i>Zea mays</i> pollen," <u>Sexual Plant Reproduction</u> 8:27-32 (1995)

EXAMINER

Anne Marie Gruber

DATE CONSIDERED

16 Apr 02

* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. QBMAD\311848



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ATTY. DOCKET NO. 411544.90021

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INFORMATION DISCLOSURE STATEMENT
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GROUP 1649

U.S. PATENT DOCUMENTS

* EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Amc	4,840,906	06/20/89	Hunter	435	240.49	
Amc	5,445,961	08/29/95	Genovesi et al.	435	240.5	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Amc	O 455 597 A1	04/26/91	Europe	C12N	5/00		<input checked="" type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Amc	Carlson, Alvar R., "Visual Selection of Transgenic Barley (<i>Hordeum Vulgare</i> L.) Structures and Their Regeneration Into Green Plants," Thesis presented to The Faculty of Graduate Studies of the University of Guelph (September 1998)
Amc	Egertsdotter et al., "Importance of arabinogalactan proteins for the development of somatic embryos of Norway spruce (<i>Picea abies</i>)," <i>Physiologia Plantarum</i> 93:334-345 (1995)
Amc	Hu, et al., "Isolated Microspore Culture of Wheat (<i>Triticum Aestivum</i> L.) in a Defined Media I. Effects of Pretreatment, Isolation Methods, and Hormones," <i>In Vitro Cell Dev. Biol.</i> 31:79-83 (1995)
Amc	Hu et al., "Improvement of isolated microspore culture of wheat (<i>Triticum aestivum</i> L.) through ovary co-culture," <i>Plant Cell Reports</i> 16:520-525 (1997)
Amc	Hunter, Clifford Paul, "Plant Regeneration From Microspores of Barley <i>Hordeum vulgare</i> L.," Thesis submitted to the University of London; Wye College, Ashford, Kent (February 1988)
Amc	Jahne, et al., "Regeneration of transgenic, microspore-derived, fertile barley," <i>Theor. Appl. Genet.</i> 89:525-533 (1994)
Amc	Kasha, et al., "Haploids in Cereal Improvement: Anther and Microspore Culture," <i>Gene Manipulation in Plant Improvement II</i> pp. 213-235 (1990)
Amc	Kasha, et al., "Use of Haploids in Induced Mutation in Barley and Wheat," <i>Cereal Research Communications</i> 19:101-108 (1991)
Amc	Kasha et al., "Production and Application of Doubled Haploids in Crops," <i>International Atomic Energy Agency</i> pp 23-37 (June 1995)
Amc	Kasha et al., "Anther and microspore cultures of barley and wheat," <i>J. Appl. Genet.</i> 38:373-380 (1997)
Amc	Kawaguchi et al., "A novel tetrasaccharide, with a structure similar to the terminal sequence of an arabinogalactan-protein, accumulates in rice anthers in a stage-specific manner," <i>The Plant Journal</i> 9:777-785 (1996)
Amc	Kreuger, et al., "Arabinogalactan proteins are essential in somatic embryogenesis of <i>Daucus carota</i> L.," <i>Planta</i> 189:243-248 (1993)
Amc	Kuhlmann, et al., "Improved Culture System for Microspores of Barley to Become a Target for DNA Uptake," <i>Plant Breeding</i> 107:165-168 (1991)
Amc	Lettre et al., "III.6 Wheat Anther Culture Using Liquid Media," <i>Biotechnology in Agriculture and Forestry</i> 13:416-424 (1990)
Amc	Roberts-Oehlschlager et al., "Barley anther culture: Pretreatment on mannitol stimulates production of microspore-derived embryos," <i>Plant Cell, Tissue and Organ Culture</i> 20:235-240 (1990)
Amc	Wheatley et al., "Microspore growth and anther staging in barley anther culture," <i>Plant Cell Reports</i> 5:47-49 (1986)
Amc	Yao, et al., "Biostic transformation of haploid isolated microspores of barley (<i>Hordeum vulgare</i> L.)," <i>Genome</i> 40:570-581 (1997)
Amc	Ziauddin, et al., "Improved plant regeneration from shed microspore culture in barley (<i>Hordeum vulgare</i> L.) cv. Igri," <i>Plant Cell Reports</i> 9:69-72 (1990)
Amc	Ziauddin et al., "Improved plant regeneration from wheat anther and barley microspore culture using phenylacetic acid (PAA)," <i>Plant Cell Reports</i> 11:489-498 (1992)

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Anne Marie Smith

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